L Number	Hits	Search Text	DB	Time stamp
•	12	(structur\$2 near quer\$3 near language or	USPAT;	2003/10/18
		sql) same hash near join\$1	US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	0	(structur\$2 near quer\$3 near language or	USPAT;	2003/09/17
		sql) and exclus\$3 same hash near join\$1	US-PGPUB;	18:01
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	0	exclusion same hash near join\$1	USPAT;	2003/09/17
		•	US-PGPUB;	18:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3526	(exclus\$3 or inclus\$3) same join\$1	USPAT;	2003/09/17
			US-PGPUB;	18:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(exclus\$3 or inclus\$3) same hash\$3 same	USPAT;	2003/09/17
	_	join\$1	US-PGPUB;	18:03
		,	EPO; JPO;	10.00
			DERWENT;	
			IBM_TDB	
-	133	sql and hash\$3 same join\$1	USPAT;	2003/09/17
		oqi ana nashto same jombi	US-PGPUB;	18:03
			EPO; JPO;	10.03
			DERWENT;	
			IBM_TDB	
	0	(sql and hash\$3 same join\$1) and	USPAT;	2003/09/17
		transpos\$3 same table\$1 same hash\$3	US-PGPUB;	18:04
		transporte dance table tradity	EPO; JPO;	10:04
			DERWENT;	
			IBM_TDB	
•	1	(sql and hash\$3 same join\$1) and	USPAT;	2003/09/17
	•	transpos\$3 same table\$1	US-PGPUB;	2003/09/17 18:04
		transposto same tables		10:04
			EPO; JPO;	
			DERWENT;	
_	. 0	herein adj after	IBM_TDB	2002/40/45
-		nerem auj aiter	USPAT;	2003/10/15
			US-PGPUB;	13:59
			EPO; JPO;	
			DERWENT;	
_	870781	hereinafter	IBM_TDB	000014611-
-	6/0/67	nereinatter	USPAT;	2003/10/15
] .		US-PGPUB;	13:59
	[EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	28	ncr.as. and join\$3 near table\$1	USPAT;	2003/10/16
			US-PGPUB;	10:55
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	ncr.as. and join\$3 near table\$1 same	USPAT;	2003/10/16
		hash\$3	US-PGPUB;	11:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	10	ncr.as. and join\$3 near table\$1 and hash\$3	_	2003/10/16
-	10	ncr.as. and joinss near tables 1 and nashss	USPAT;	
			US-PGPUB;	11:21
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(inclus\$3 and exclus\$3) same hash\$3 same	USPAT;	2003/10/16
		join\$3 same table\$1	US-PGPUB;	11:22
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(Inclus\$3) same hash\$3 same join\$3 same	USPAT;	2003/10/16
		table\$1	US-PGPUB;	13:55
		·	EPO; JPO;	10.00
			DERWENT;	
			IBM_TDB	
_	18	(Inclus\$3) and hash\$3 same join\$3 same	USPAT;	2003/10/16
		table\$1	US-PGPUB;	13:55
		table 1	EPO; JPO;	13.33
			DERWENT;	
		/in-la-62 and sandard2) and back62 and	IBM_TDB	00004040
•	4	(inclus\$3 and exclus\$3) and hash\$3 same	USPAT;	2003/10/16
		join\$3 same table\$1	US-PGPUB;	13:57
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	18	(Inclus\$3) and hash\$3 same join\$3 same	USPAT;	2003/10/16
		table\$1	US-PGPUB;	14:11
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	27	outer near table\$1 and hash\$3 same join\$3	USPAT;	2003/10/16
		same table\$1	US-PGPUB;	14:20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	21	(outer and inner) near table\$1 and hash\$3	USPAT;	2003/10/16
		same join\$3 same table\$1	US-PGPUB;	16:45
		Came Jointo Same tablet		10.43
			EPO; JPO;	
			DERWENT;	
	<u></u>		IBM_TDB	

			1	
-	1	((outer and inner) near table\$1 and hash\$3	USPAT;	2003/10/16
		same join\$3 same table\$1) and (transpos\$3	US-PGPUB;	15:13
		or swap\$4) same table\$1	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	((outer and inner) near table\$1 and hash\$3	USPAT;	2003/10/16
		same join\$3 same table\$1) and (transpos\$3	US-PGPUB;	15:14
		or swap\$4) same inner same outer same	EPO; JPO;	
		table\$1	DERWENT;	
			IBM_TDB	
-	2	hash near join\$1 same (transpose\$3 or	USPAT;	2003/10/16
		swap\$3 or revers\$3 or interchang\$3) same	US-PGPUB;	16:48
		table\$1	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	hash near join\$1 and quer\$3 same exclus\$3	USPAT;	2003/10/16
			US-PGPUB;	16:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	631	(transpos\$3 or swap\$4 or Interchang\$3)	USPAT;	2003/10/17
		same table\$1 and (quer\$3 or sql)	US-PGPUB;	15:13
		The same of the control of the contr	EPO; JPO;	10110
			DERWENT;	
			IBM_TDB	
_	4	(transpos\$3 or swap\$4 or interchang\$3)	USPAT;	2003/10/17
		same (inner same outer) same table\$1 and	US-PGPUB;	15:15
		(quer\$3 or sql)	EPO; JPO;	10.10
		(quarte et eq.)	DERWENT;	
			IBM_TDB	
	24	(transpos\$3 or swap\$4 or Interchang\$3)	USPAT;	2003/10/17
		same (inner same outer) same table\$1	US-PGPUB;	15:18
		came (milet same saver) same tables	EPO; JPO;	13.10
			DERWENT;	
			IBM_TDB	
•	2	(transpos\$3 or swap\$4 or Interchang\$3)	USPAT;	2003/10/17
		same (inner same outer) near table\$1	US-PGPUB;	15:18
		(June outer) Heat tables	EPO; JPO;	13.10
			DERWENT;	
			1	
_	26	(transpaces) or swanes or interchanges)	IBM_TDB	2002/40/47
_	20	(transpos\$3 or swap\$4 or interchang\$3)	USPAT;	2003/10/17
		same (inner or outer) with table\$1	US-PGPUB;	15:19
			EPO; JPO;	
			DERWENT;	
	4.0	/Amananaa00	IBM_TDB	
•	12	(transpos\$3 or swap\$4 or interchang\$3)	USPAT;	2003/10/17
		with table\$1 and (hash\$3 same join\$1)	US-PGPUB;	16:07
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

•	1114	quer\$3 same (inclus\$3 or exclus\$3)	USPAT;	2003/10/17
		, , , , , , , , , , , , , , , , , , ,	US-PGPUB;	16:07
			EPO; JPO;	
	i		DERWENT;	
			IBM_TDB	
_	13	quer\$3 same (inclus\$3 or exclus\$3) and	USPAT;	2003/10/17
		(transpos\$3 or swap\$4 or interchang\$3)	US-PGPUB;	16:08
	1	same table\$1	EPO; JPO;	10,00
		Carro carroy i	DERWENT;	
			IBM_TDB	
_	o	exclus\$3 same hash near join\$1	USPAT;	2003/10/18
	_		US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	o	inclus\$3 same hash near join\$1	USPAT;	2003/10/18
		The second state of the second	US-PGPUB;	14:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	o	inclus\$3 and exclus\$3 and hash near join\$1	USPAT;	2003/10/18
		and (transpos\$3 or interchang\$3 or swap\$4)	US-PGPUB;	14:05
		same table\$1	EPO; JPO;	14100
			DERWENT;	
			IBM_TDB	
_	6	hash near join\$1 and (transpos\$3 or	USPAT;	2003/10/18
		interchang\$3 or swap\$4) same table\$1	US-PGPUB;	14:15
		3 , 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	"5983215".PN.	USPAT	2003/10/18
				14:13
-	1	"5878427".PN.	USPAT	2003/10/18
				14:13
•	82	707/2-4.ccls. and hash near join\$1	USPAT;	2003/10/18
		•	US-PGPUB;	14:16
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	35	(707/2-4.ccls. and hash near join\$1) and	USPAT;	2003/10/18
		(inner with table\$1)	US-PGPUB;	14:30
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	((707/2-4.ccls. and hash near join\$1) and	USPAT;	2003/10/18
		(inner with table\$1)) and (swap\$4 or	US-PGPUB;	14:17
		transpo\$3 or exchang\$3 or Interchang\$3)	EPO; JPO;	
		same table\$1	DERWENT;	
			IBM_TDB	

		7070	T	
-	0	707/\$.ccls. and (join\$1 near optimiz\$3)	USPAT;	2003/10/18
		same (swap\$4 or exchang\$3 or	US-PGPUB;	14:36
	1	interchang\$3 or transpos\$3) same table\$1	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	707/\$.ccls. and (join\$1 near optimiz\$3) and	USPAT;	2003/10/18
		(swap\$4 or exchang\$3 or interchang\$3 or	US-PGPUB;	14:45
		transpos\$3) same table\$1	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	(replac\$3 or substitut\$3) same merge near	USPAT;	2003/10/18
		join\$1 same hash\$3 near join\$1	US-PGPUB;	14:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	3723	(multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:50
		same node\$1	EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
-	235	((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:51
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	14.51
		same (manag\$3 or manipulat\$) same data	DERWENT;	
		same (managyo or mampulaty) same data	IBM_TDB	
	o	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:53
		same node\$1) and (configur\$3 or setup)	,	14:55
			EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
		and (session near control\$1) and	IBM_TDB	
		(Interpret\$3 or pars\$3) same (quer\$1 or		
		command\$1) and (optimizer\$1) and		
		(execut\$3 near plan\$1)		
-	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:54
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	•
		and (session near control\$1) and pars\$3	IBM_TDB	
		same (quer\$1 or command\$1) and		
		(optimizer\$1) and (execut\$3 near plan\$1)		
•	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:55
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
		and (control\$3 same session\$1) and pars\$3	IBM_TDB	
		same (quer\$1 or command\$1) and		
		(optimizer\$1) and (execut\$3 near plan\$1)		

-	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:55
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
	1	and (session\$1) and pars\$3 same (quer\$1 or	IBM_TDB	
		command\$1) and (optimizer\$1) and		
		(execut\$3 near plan\$1)		0000/40/40
-	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1) same node\$1) and (configur\$3 or setup)	US-PGPUB;	14:55
		same (manag\$3 or manipulat\$) same data)	EPO; JPO;	
		and (control\$3 with access\$3 same	DERWENT;	
		process\$3) and pars\$3 same (quer\$1 or	IBM_TDB	
		command\$1) and (optimizer\$1) and		
		(execut\$3 near plan\$1)		
-	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:56
	1	same node\$1) and (configur\$3 or setup)	EPO; JPO;	1-1100
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
		and pars\$3 same (quer\$1 or command\$1)	IBM_TDB	
		and (optimizer\$1) and (execut\$3 near	_	
		plan\$1)		
-	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:57
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
	1	and pars\$3 same (quer\$1) and (optimizer\$1)	IBM_TDB	
		and (execut\$3 near plan\$1)		
•	0	(((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
	•	processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:58
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
	1	same (manag\$3 or manipulat\$) same data)	DERWENT;	
		and pars\$3 and (optimizer\$1) and (execut\$3	IBM_TDB	
_		near plan\$1)	HODAT	2002/40/40
-	0	(((multiple or pluralit\$3) with (cpu\$1 or processor\$1 or process\$3 near unit\$1)	USPAT;	2003/10/18
		same node\$1) and (configur\$3 or setup)	US-PGPUB;	14:58
		same (manag\$3 or manipulat\$) same data)	EPO; JPO; DERWENT;	
		and (optimizer\$1) and (execut\$3 near	IBM_TDB	
		plan\$1)		
•	0	((((multiple or pluralit\$3) with (cpu\$1 or	USPAT;	2003/10/18
		processor\$1 or process\$3 near unit\$1)	US-PGPUB;	14:59
		same node\$1) and (configur\$3 or setup)	EPO; JPO;	
		same (manag\$3 or manipulat\$) same data)	DERWENT;	
		and (session near control\$1) and	IBM_TDB	
		(interpret\$3 or pars\$3) same (quer\$1 or		
		command\$1) and (optimizer\$1) and		
		(execut\$3 near plan\$1)) and (optimizer\$1)		
		and (execut\$3 near plan\$1)		

•	90	parser\$1 and (optimizer\$1) and (execut\$3 near plan\$1)	USPAT; US-PGPUB; EPO; JPO;	2003/10/18 14:59
			DERWENT; IBM_TDB	
-	8	parser\$1 and (optimizer\$1) and (execut\$3	USPAT;	2003/10/18
	_	near plan\$1) and ((multiple or pluralit\$3)	US-PGPUB;	16:18
		with (cpu\$1 or processor\$1 or process\$3	EPO; JPO;	
		near unit\$1) same node\$1)	DERWENT;	
			IBM_TDB	
-	40	merge near join\$1 same hash\$3 near join\$1	USPAT;	2003/10/18
			US-PGPUB;	16:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	396	(transpos\$3 or switch\$3 or swap\$4 or	USPAT;	2003/10/18
		interchang\$3) same (inner same outer)	US-PGPUB;	16:52
		same table\$1	EPO; JPO;	
			DERWENT;	
	5	(transpos\$3 or switch\$3 or swap\$4 or	IBM_TDB USPAT;	2003/10/18
		interchang\$3) same (inner same outer)	US-PGPUB;	16:54
		same table\$1 and quer\$3 same optimiz\$5	EPO; JPO;	10.04
			DERWENT;	
			IBM_TDB	
-	24	(transpos\$3 or switch\$3 or swap\$4 or	USPAT;	2003/10/18
		interchang\$3) same (inner same outer)	US-PGPUB;	17:54
		same table\$1 and (quer\$3 or sql)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	header same hash near value same	USPAT;	2003/10/18
		(pre-calculat\$3 or pre-comput\$3 or pre-determin\$3)	US-PGPUB;	17:55
		pre-determin a 3)	EPO; JPO; DERWENT;	
			IBM_TDB	
	0	header same hash near value\$1 same	USPAT;	2003/10/18
		(pre-calculat\$3 or pre-comput\$3 or	US-PGPUB;	17:55
		pre-determin\$3)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	header same hash with value\$1 same	USPAT;	2003/10/18
		(pre-calculat\$3 or pre-comput\$3 or	US-PGPUB;	17:55
		pre-determin\$3)	EPO; JPO;	
			DERWENT;	
	260	hoador camo hoch with value 64	IBM_TDB	2002/40/40
]	200	header same hash with value\$1	USPAT;	2003/10/18 17:55
			US-PGPUB; EPO; JPO;	17100
]		DERWENT;	
			IBM_TDB	

-	1	header same hash with value\$1 and hash\$3	USPAT;	2003/10/18
		near join\$1	US-PGPUB;	17:56
			EPO; JPO;	
			DERWENT;	
Ì			IBM TDB	·